

Increasing Potential for Severe Storms

March 29, 2023
4:16 AM

Friday Afternoon and Friday Evening



Key Messages

- There is increasing potential for severe thunderstorms across the entire area on Friday.
- Currently the best time for severe storms is the **afternoon** and **evening hours**.
- All hazards will be possible including large hail, damaging winds, and possibly tornadoes.
- While there is still some uncertainty with exactly how much instability (energy) will be available, there is an improving signal there will sufficient energy for at least scattered severe thunderstorms.



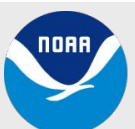
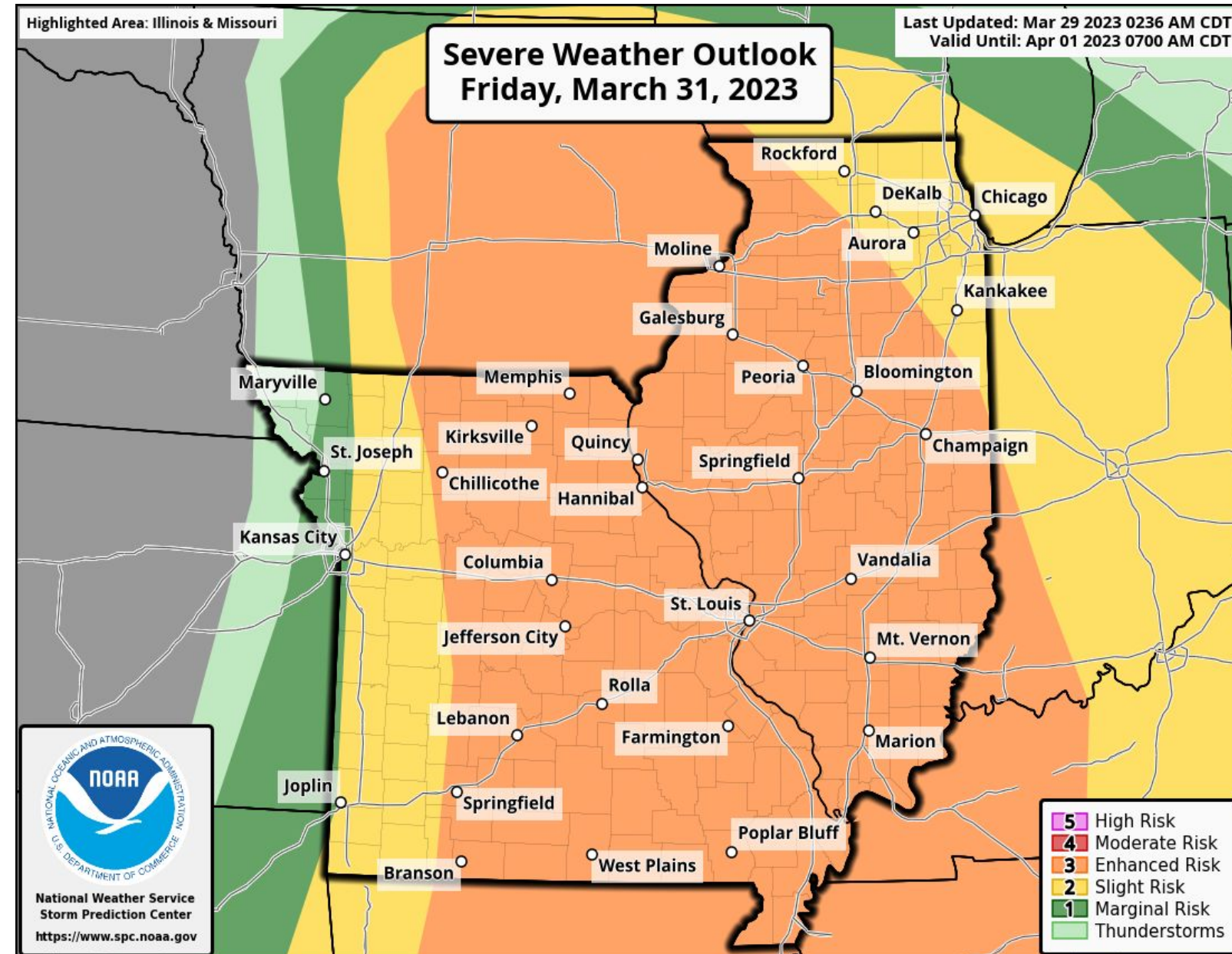
What Has Changed

- Increasing confidence that there will be enough instability for severe thunderstorms.

Next Scheduled Update

- By 500 am Thursday Morning

Severe Weather Outlook Friday



National Oceanic and
Atmospheric Administration
U.S. Department of Commerce

National Weather Service
St. Louis, MO



Forecast Confidence

March 29, 2023
4:16 AM

Severe Storm Occurrence

Low

Medium

High

There is increasing confidence that there will be enough instability (energy) available for at least scattered severe thunderstorms.

Severe Storm Coverage

Low

Medium

High

While at least a few storms will be severe, there remains some uncertainty how widespread the severe weather will be across the area.

Timing/Location

Low

Medium

High

Our current guidance remains in good agreement that the best timing for severe storms will be in the afternoon and evening hours. Severe thunderstorm potential exists across the entire area, with the greatest threat in central and eastern Missouri.

